

Inventor: Dale E. Koop
Serial No.: 09/934,356
Attny Dkt. No. 100698.0037US1

Art Unit: 3739
Examiner: Ahmed M. Farah

REQUEST FOR ALLOWANCE

Claims 1-11 are pending in this application. The applicant requests allowance of all pending claims.

Respectfully submitted,

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VERSIONS WITH MARKING TO SHOW CHANGES MADE

In the Claims

1. A method for treatment of skin comprising:
treating a subsurface layer of skin with a source of energy sufficient to cause stimulation of collagen remodeling, in conjunction with applying a wound healing composition to the skin[to wound healing], thereby achieving improved collagenesis in the skin.
2. The method of Claim 1 wherein the energy is electromagnetic energy.
3. The method of Claim 1 wherein the energy is mechanical energy[, such as microdermabrasion].
4. The method of Claim 1 wherein the wound healing promoting substance is a growth factor.
5. The method of Claim 1 wherein the wound healing promoting substance is H3 protein.
6. The method of Claim 5 wherein the treatment is repeated serially with more than one day between any successive treatments.
7. A method for treatment of acne scars in skin, comprising:
treating subsurface and surface layers of the skin with a source of energy in order to stimulate collagenesis in the skin without substantial injury to the epidermis, in conjunction with applying a wound healing promoter composition which enhances a healing response in the skin, thereby improving the appearance of the acne scars.

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8. A method for treatment of photodamaged skin, comprising:
treating the skin with a source of energy which stimulates collagenesis without substantial injury to the epidermis, in conjunction with applying a wound healing promoter composition to the skin which enhances a healing response, thereby improving the appearance of the photodamaged skin.
9. A method for treatment of wrinkled skin, comprising:
treating the skin with a source of energy which stimulates collagenesis without substantial injury to the epidermis, in conjunction with applying a wound healing promoter composition to the skin which enhances a healing response, thereby improving the appearance of the wrinkled skin.
10. An system for treatment of skin, comprising:
a source of energy which is sufficient to stimulate collagenesis in the skin without substantial injury to the epidermis; and
a wound healing promoter composition which enhances a healing response in the skin to accelerate collagenesis therein, thereby resulting in improved appearance of skin.
11. A method for treatment of tissue comprising the following steps:
causing a subdermal wound using a source of electromagnetic energy; and
applying a growth factor to the tissue, such that collagenesis, repair and healing improvement of tissue is accelerated.